

FIG. 1A

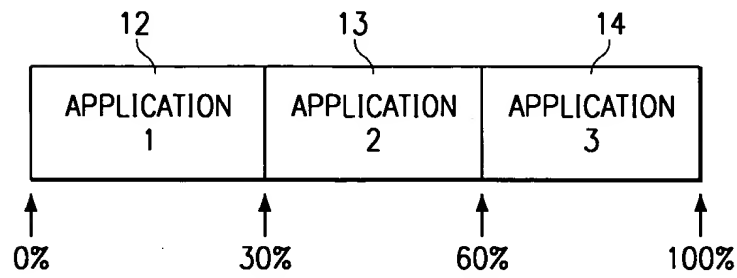


FIG. 1B

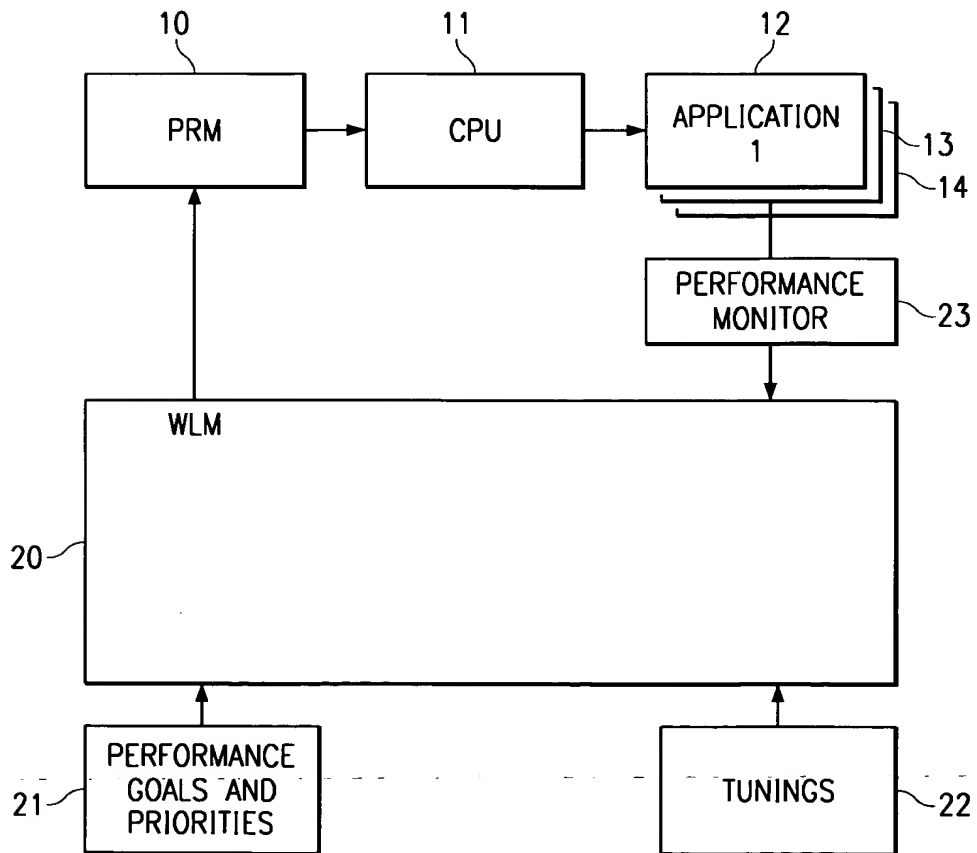


FIG. 2

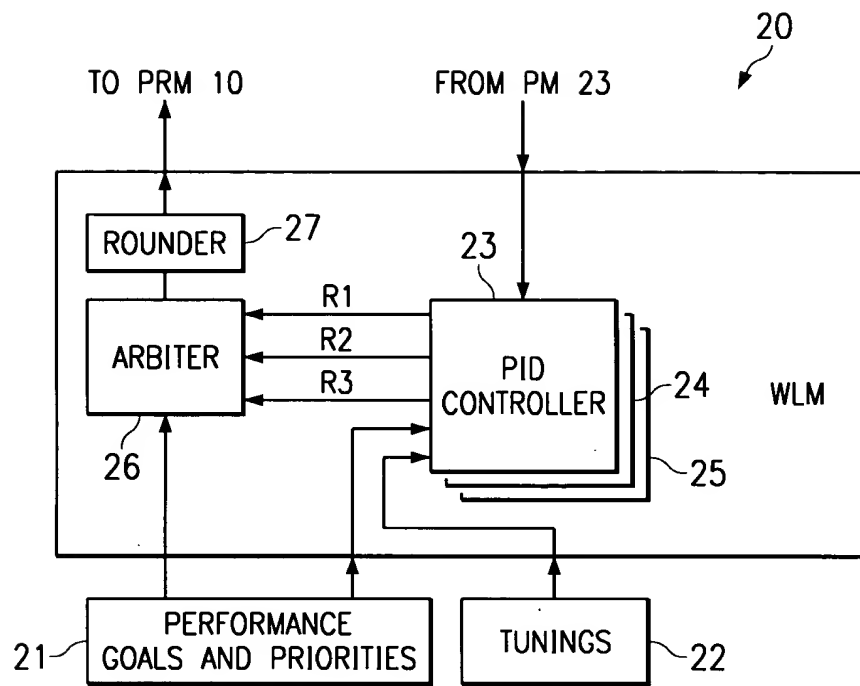


FIG. 3

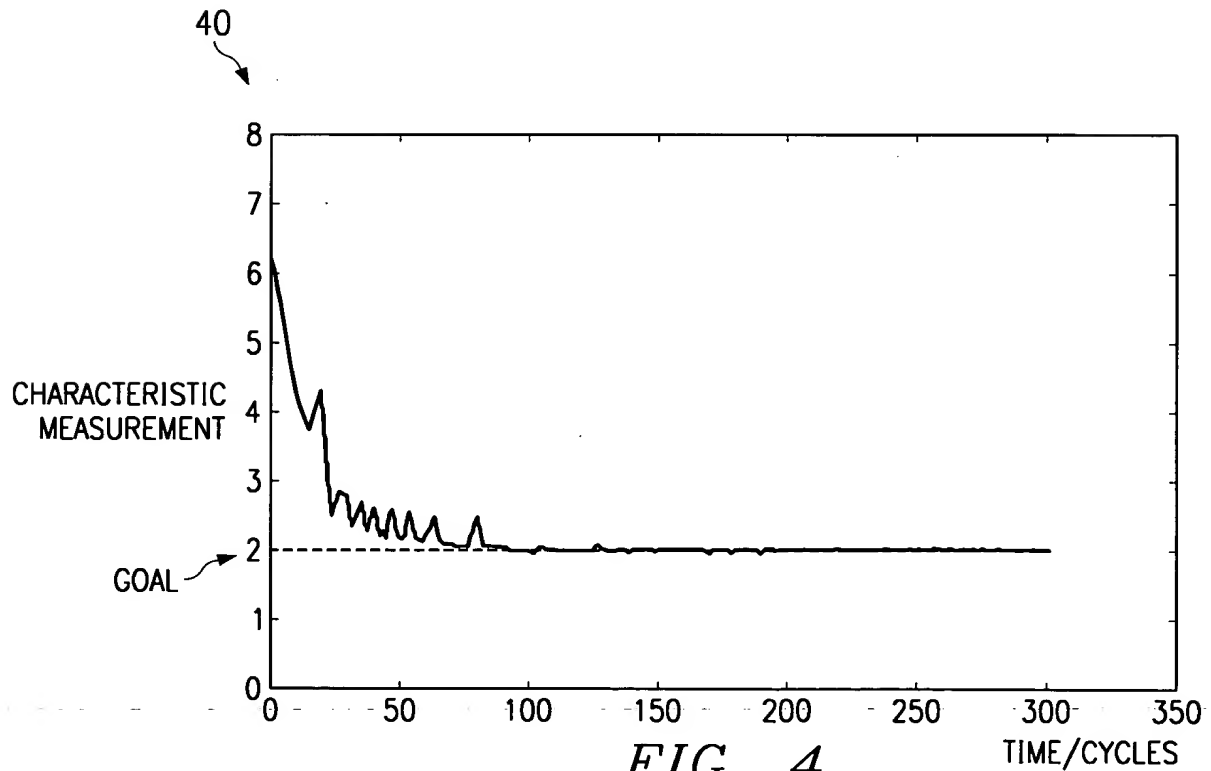
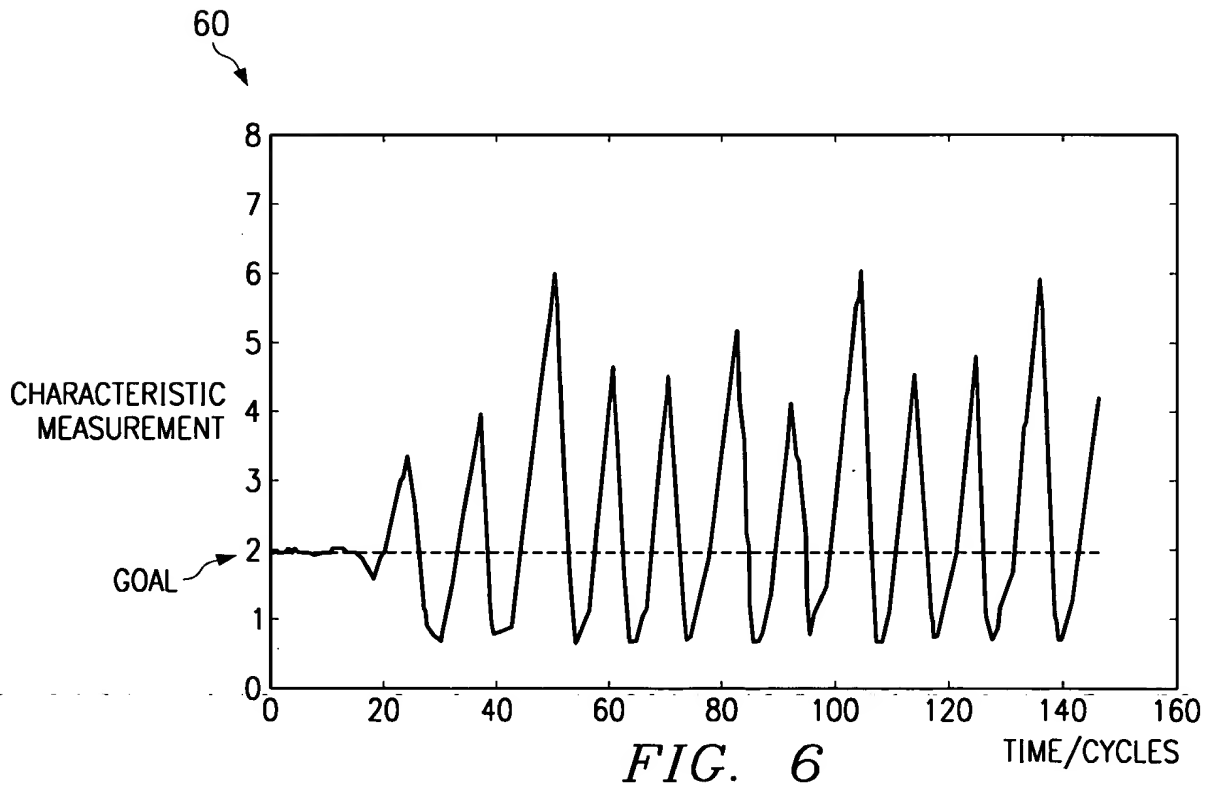
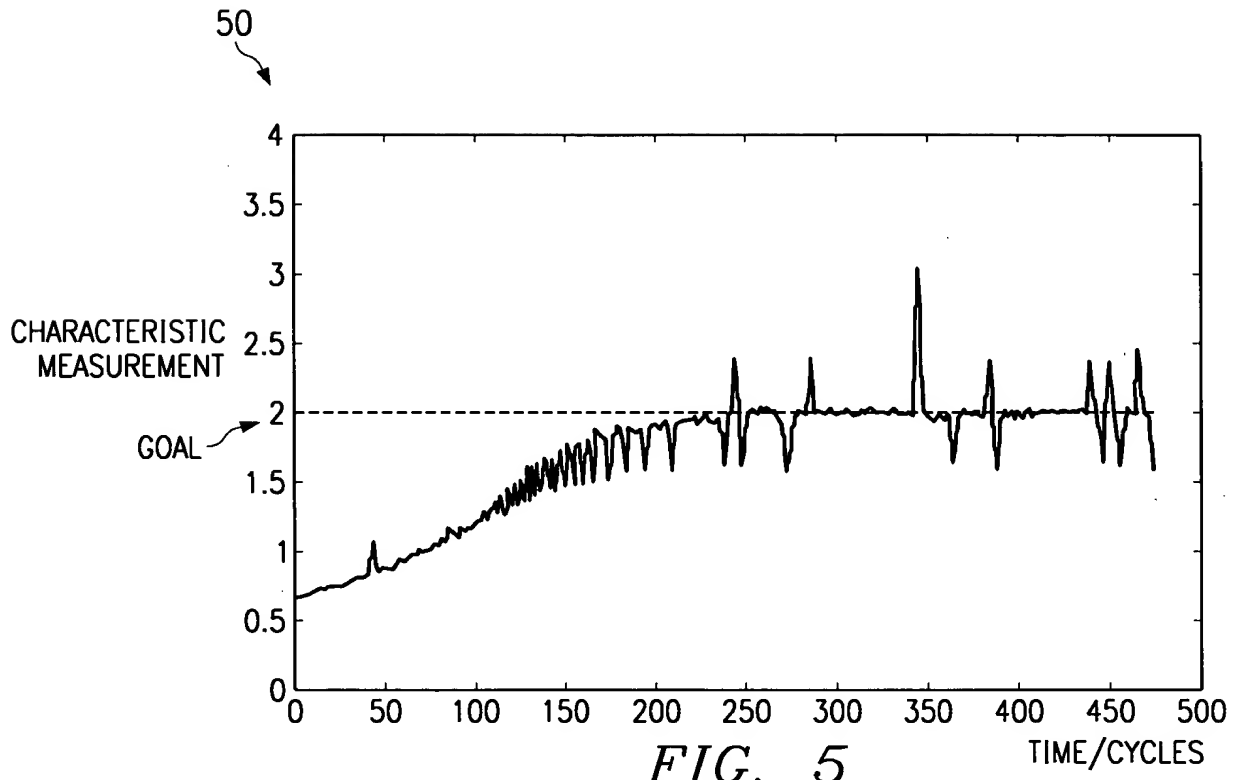


FIG. 4



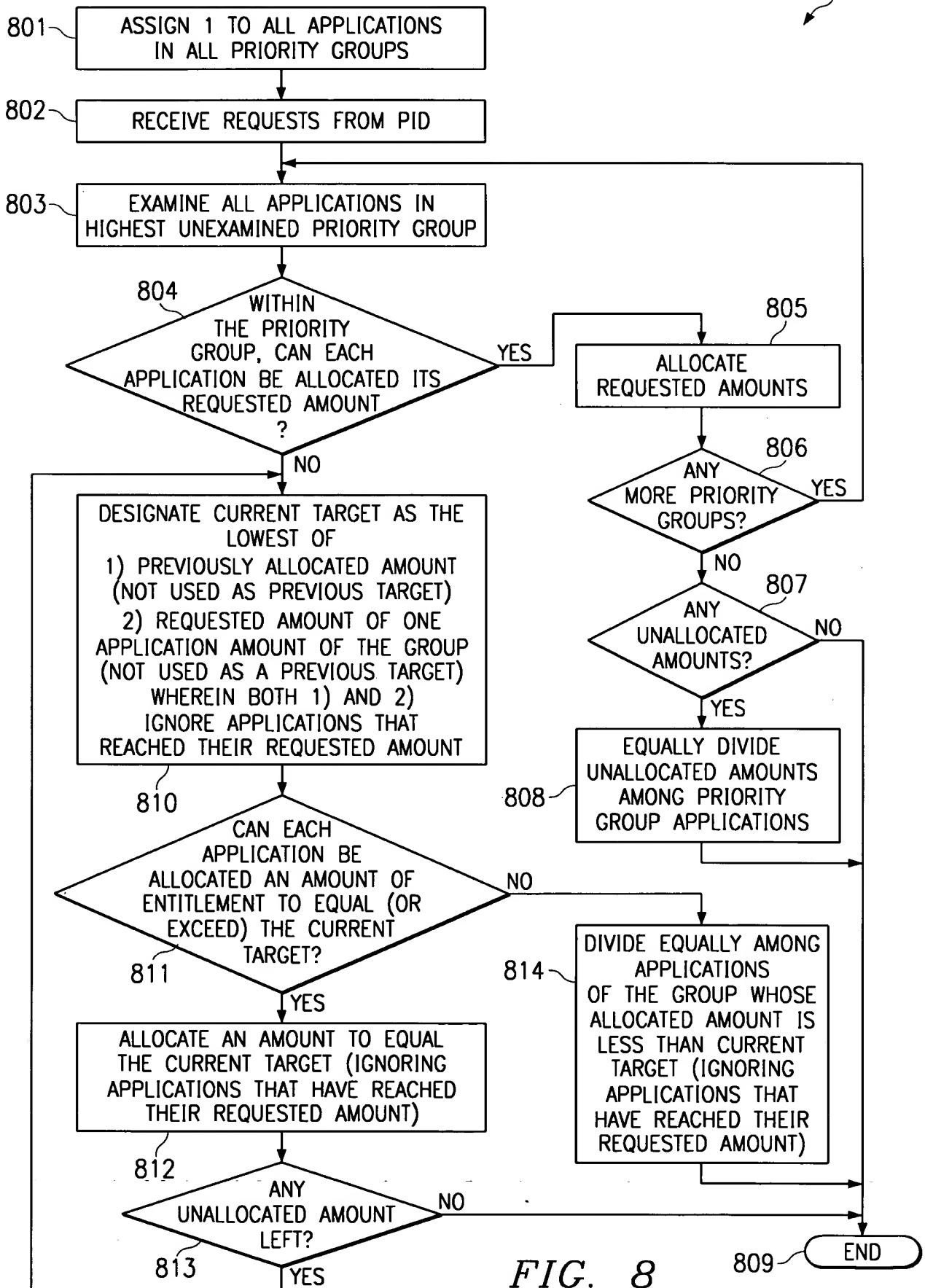
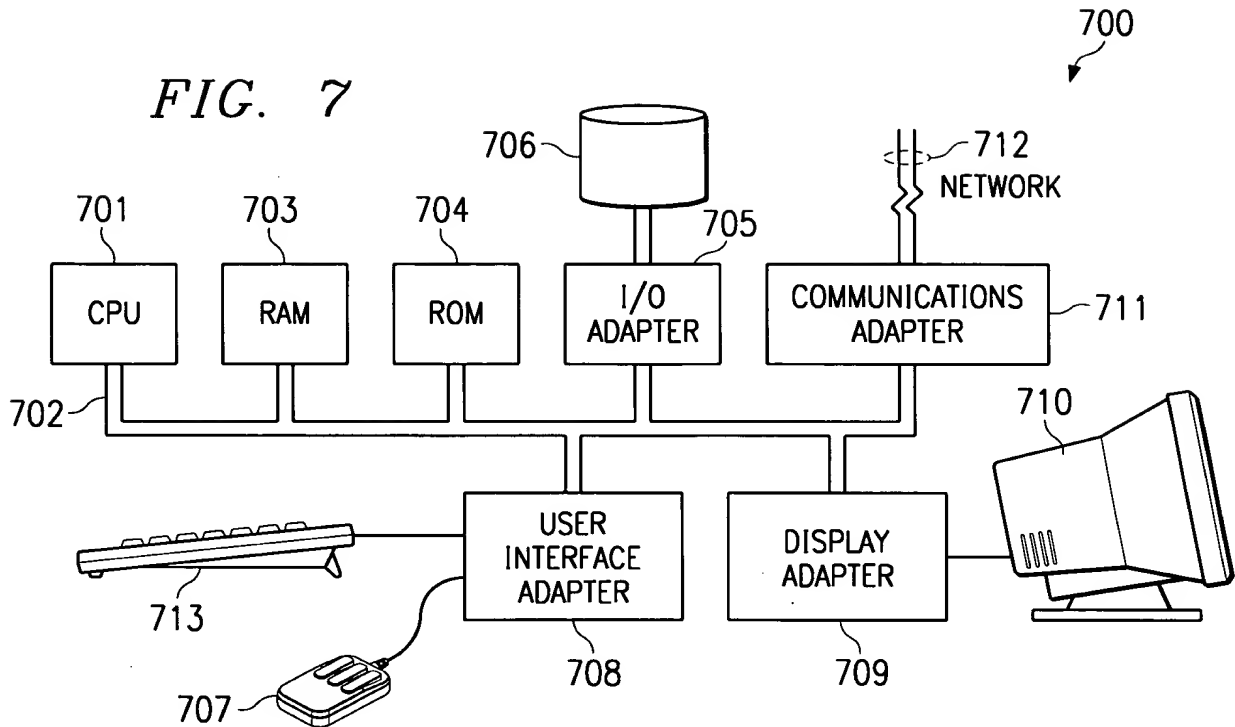


FIG. 8

FIG. 7



APPLICATIONS	A	B	C	D	E	F
PRIORITY	1	2	3	3	3	4
REQUEST	40	29	20	20	20	35
ALLOCATION	40	29	10	10	10	1

FIG. 9

APPLICATIONS	A	B	C	D
PRIORITY	3	3	3	2
REQUEST	20	20	20	43
PREVIOUSLY ASSIGNED	10	1	15	1
NEWLY ALLOCATED	9	18	4	42
TARGET	19	19	19	43

FIG. 10A

6/7

A	B	C
10	1	15
31 LEFT	→	10 IS TARGET
10	10	15
22 LEFT	→	15 IS TARGET
15	15	15
12 LEFT	→	20 IS TARGET
19	19	19

FIG. 10B

APPLICATIONS	A	B	C	D
PRIORITY	3	3	3	2
REQUEST	25	15	30	33
PREVIOUSLY ASSIGNED	10	12	20	1
NEWLY ALLOCATED	15	3	7	32
TARGET	25	15	27	33

FIG. 11A

A	B	C
10	12	20
25 LEFT	→	TARGET IS 12
12	12	20
23 LEFT	→	TARGET IS 15
15	15	20
17 LEFT	→	TARGET IS 20
20	15	20
12 LEFT	→	TARGET IS 25
25	15	25
2 LEFT	→	TARGET IS 30
25	15	27

FIG. 11B

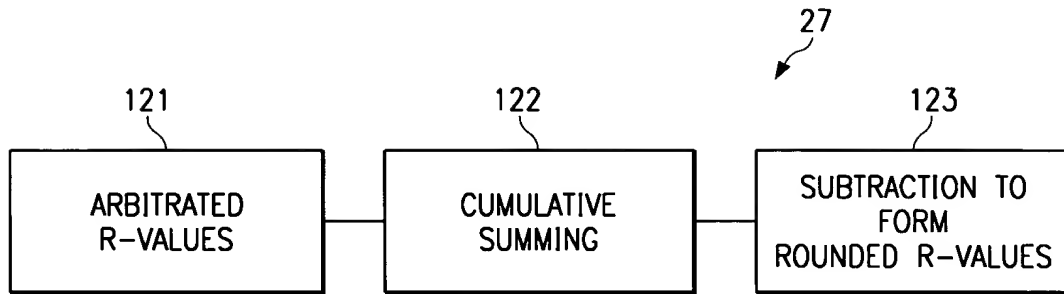


FIG. 12A

R1=33.5	S1=R1+0=33.5 → 34	R1'=S1-0=34
R2=33.5	S2=R1+R2=67.0 → 67	R2'=S2-S1=33
R3=33.0	S3=R1+R2+R3=100.0 → 100	R3'=S3-S2=33

FIG. 12B

R1=10.1	S1=R1+0=10.1 → 10	R1'=S1-0=10
R2=20.2	S2=R1+R2=30.3 → 30	R2'=S2-S1=20
R3=30.3	S3=R1+R2+R3=60.6 → 61	R3'=S3-S2=31
R4=39.4	S4=R1+R2+R3+R4=100.0 → 100	R4'=S4-S3=39

FIG. 12C